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[Continued on next page]

(54) Title: LEUCINE RICH REPEAT CONTAINING PROTEIN

### Alignment of INSP179-EC and INSP179-EC-SV1 nucleotide sequences

179EC-5V1	ATGAAAAACCTCTATTTCAGAGTCATTACCATAGTTATAGGTCTTTATTTTACTGGAATA
INSP179BC	ATGAAAAACCTCTATTTCAGAGTCATTACCATAGTTATAGGTCTTTATTTTACTGGAATA
179EC-SV1	ATGACAAATGCATCAAGAAAAAGCAATATTTTATTCAATTCTGAATGCCAATGGAATGAA
INSP179EC	ATGACAAATGCATCAAGAAAAAGCAATATTTTATTCAATTCTGAATGCCAATGGAATGAA
179EC-5V1	TATATTCTGACAAATTGTTCTTTTACCGGAAAGTGTGATATACCTGTGGACATATCACAG
INSP179EC	TATATTCTGACAAATTGTTCTTTTACOGGAAAGTGTGATATACCTGTGGACATATCACAG
179BC-9V1	ACAGCAGCCACTGTGGATGTAAGTTTCAATTTCTTTAGAGTTCTCTTACAGTCTCACACG
INSP179EC	ACAGCAGCCACTGTGGATGTAAGTTTCAATTTCTTTACAGTCTCTTACAGTCTCACACG
179EC-5V1	ARARAGAAGAGTGGAAAATARARCATCTGGACCTCAGTAACAATCTCATATCAARARTA
INSP179EC	AAAAAAGAAGAGTGGAAAATAAAACATCTGGACCTCAGTAACAATCTCATATCAAAAATA
THISTITIBLE	ARABAMAN TOGRAM TAGARCAT CTG ACCT CAGT ARCAT CTG ATATCAMANTA
1792C-5V1	ACCTTAAGCCCTTTTGCATATTTACATGCTTTGGAAGTGTTAAACCTCAGCAACAATGCC
INSP179EC	ACCTTAAGCCCTTTTGCATATTTACATGCTTTGGAAGTGTTAAACCTCAGCAACAATGCC
179EC-SV1	ATCCACTCCCTCTCATTGGATCTACTCAGTCCTAAGTCCTCATGGGTGAAACGCCACAGA
INSP175EC	ATCCACTCCCTCTCATTGGATCTACTCAGTCCTAAGTCCTCATGGGTGAAADGCCACAGA
1798C-SV1	AGEAGUTT CAGAAACAGGTTTCUATTGCTGAAGGTGCTCATTCTTCAAAGAAATAAACEC
INSP179EC	AGCAGCTTCAGAAACAGGTTTCCATTGCTGAAGGTGCTCATTCTTCAAAGAAATAAACTC
IMSP1/SEC	AGCAGCTTCAGAAACAGGTTTCCATTGCTGAAGGTGCTCATTCTTCAAGAAATAAACTC
179EC-5V1	ASTGACACTCCCAAGES
IMSP175EC	AGTGACACTCCCAAGGGACTGTGGAAACTGAAGTCATTGCAGAGTTTGGATCTGTCATTC
1798C-5V1	***************************************
INSP179EC	AATGGGATATTGCAAATAGGGTGGTCTGATTTTCACAACTGCCTGC
1798C-SV1	
INSP179EC	TGTTTAAAGAGCAACAAGATATTCAAAATTCCCCCACAAGCCTTCAAGGACCTCAAAAA
179EC-SV1	***************
INSP17SEC	TTACAGGT CATAGACCTTAGCAACAATGCTCTGATTACCATCCTACCAATGATCATA
179EC-5V1	
IM391798C	GCTCTAGAATTTCCCCATCTAGTGGTTGACTTGGCTGATAATAACTGGCAGTGTGATGAT
179EC-8V1	
INSP179EC	AGTGTGGCAGTCTTTCAAAATFTTAFTTCTGAATCCTGGAGGAAAAAGTGGAATGTCAFT
283111320	ABIOI DOCUMENT TO A TOTAL CONTROL TO A TOTAL A TOTAL CONTROL CART.
179EC-SV1	GASTGAGGAGGCCAACGGGGCACTCCCCAGAGCAGGATTTCC
IMSP179EC	TGCAACAGGTC7ATAGGGAGTGAGGAGGCCAACGGGGGGCACTCCCCAGAGCAGGATTTCC
179EC-5V1	AGGGAAACCCGCCTTCCTCCCATTCATCTGCATCGCATGAAAAGCCTCATAAGGAGCAAA
INSP179EC	AGGGAAACOOGCCTTCCTCCCATTCATCTGCATCGCATGAAAAGCCTCATAAGGAGCAAA
179EC-SV1	GCAGAGAGGCCCCAGGGAGGAAGGCACACGGGCATTYCTACTCTGGGGAAGAAGGCAAAG
INSPITATE	GCAGAGAGGCCCCAGGGAAGGCACACGGGCATTTCTACTCTGCCCAACAAGCCAAAG
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1795C-SV1	GCCGGCTCTGGTCTCAGGAAGAAGCAGAGACGGCTGCCAAGGAGTGTTAGAAGCACCCGC
TWSP179EC	GCCGGCTCTGGTCTCAGGAAGAAGCAGAGAGGGGGGGGGG
179EC-8V1	GATGTGCAG
INSP179EC	GATCTCCAG
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(57) Abstract: This invention relates to the novel protein, termed INSP (179), herein identified as a secreted protein, in particular as a member of the leucine rich repeat containing protein family and to the use of this protein and nucleic acid sequences from the encoding gene in the diagnosis, prevention and treatment of disease.

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